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Form PTO-1449
(Rev. 2-88)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
5853-186USAPPLICATION NO.
09/856,415INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
TALTON, et al.FILING DATE
May 18, 2001GROUP
1615

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
9/8	4,556,056 4,556,050	April 7, 1987	Leuenberger			
	4,848,673	July 18, 1989	Masuda et al.			
	5,242,706	September 7, 1993	Cotell, et al.			
	5,288,528	February 22, 1994	Blanchet-Fincher			
	5,399,363	March 21, 1995	Liversidge et al.			
	5,399,636	March 21, 1995	Alt et al.			
	5,437,889	August 1, 1995	Jones			
	5,456,917	October 10, 1995	Wise et al.			
	5,466,468	November 14, 1995	Schneider et al.			
	5,489,449	February 6, 1996	Umeya et al.			
	5,536,508	July 16, 1996	Canal et al.			
	5,543,158	August 6, 1996	Gref et al.			
	5,580,579	December 3, 1996	Ruddy et al.			
	5,641,515	June 24, 1997	Ramtoola			
	5,641,745	June 24, 1997	Ramtoola			
	5,656,016	August 12, 1997	Ogden			
	5,693,340	December 2, 1997	Harth et al.			
	5,697,899	December 16, 1997	Hillman et al.			
	5,702,716	December 30, 1997	Dunn et al.			
	5,725,871	March 10, 1998	Illum			
	5,756,353	May 26, 1998	Debs			
	5,766,557	June 16, 1998	Luy et al.			
	5,770,219	June 23, 1998	Chiang et al.			
9/8	5,779,708	July 14, 1998	Wu			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

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(WP112624;1)

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INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

APPLICANT TALTON, et al.	
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U.S. PATENT DOCUMENTS

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9/8	5,780,045	July 14, 1998	McQuinn et al.			
	5,783,208	July 21, 1998	Venkateshwaran et al.			
	5,792,451	August 11, 1998	Sarubbi et al.			
	5,844,898	August 25, 1998	Santini, Jr. et al.			
	5,804,212	September 8, 1998	Illum			
	5,820,833	October 13, 1998	Kawamura			
	5,849,265	December 15, 1998	Li-Bovet et al.			
	5,814,344	September 29, 1998	Tice et al.			
	5,922,306	July 13, 1999	Akehurst et al.			
	6,001,336	December 14, 1999	Gordon			
	6,025,036	February 15, 2000	McGill et al.			
	6,074,135	June 13, 2000	Tapphorm et al.			
	6,087,003	July 11, 2000	Benoit et al.			
	4,046,712	September 6, 1977	Caims et al.			
	4,623,588	November 18, 1986	Nuwayser et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
9/8	DE 42 39 244 A1	21.11.92	DE	-	-		
	WO 00/28969	25.05.00	PCT WO	-	-		
	WO 90/02546	22.03.90	PCT WO	-	-		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	OTHER DOCUMENTS (including Manual, Notes, and other documents)	
JS	Swinyard, E.A. "Analgesics and Antipyretics" Remington's Pharmaceutical Sciences, 15 th Edition, Chapters 59, 88 and 89, pgs. 1035-1038 and 1570-1580	
	Banker and Rhodes, Eds, Modern Pharmaceutics, Marcel Dekker, Inc., New York, 19990	
	Hardy, et al. "Sustained Release Drug Delivery to the Lungs" Clin. Pharm. 2000 Jul; 39 (1): pgs. 1-4	
	Talton, et al. "Nano-Thin Coatings for Improved Lung Targeting of Glucocorticoid Dry Powders: <i>In-Vitro</i> and <i>In-Vivo</i> Characteristics" Respiratory Drug Deliver, VII, 2000, pgs. 67-74.	
	Sato, et al. "Porous Biodegradable Microspheres for Controlled Drug Delivery. I. Assessment of Processing Conditions and Solvent Removal Techniques" Pharmaceutical Research, Vol. 5, No. 1, 1988, pgs. 21-30	
JS	Thies, C. "Microcapsules As Drug Delivery Devices" Critical Review in Biomedical Eng., Vol. 8, Issue 4, 1982, pgs. 335-383	
EXAMINER	Theresa J. Sheikh	DATE CONSIDERED 10/20/05

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Form PTO-1449 (Rev. 2-88)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 5853-186US		APPLICATION NO. 09/856,415	
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				FILING DATE May 18, 2001		GROUP 1615	
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
9/8	Bourlais, et al. "Ophthalmic Drug Delivery Systems - Recent Advances" Progress in Retinal and Eye Research, Vol. 17, No. 1, 1998, pgs. 33-58.						
1/1	Talton, J.D. "Pulmonary Targeting of Inhaled Glucocorticoid Dry Powders" Thesis, University of Florida, 1999, pgs. 1-135						
	Hausberger, et al. "Characterization of Biodegradable Poly(D, L-lactide-co-glycolide) Polymers and Microspheres" Journal of Pharmaceutical & Biomedical Analysis, Vol. 13, No. 6, 1995, pgs. 747-760						
	Phadke, et al. "Laser-Assisted Deposition of Preformed Mesoscopic System" Materials Science and Engineering, C5, 1988, pgs. 237-241						
	Pique, et al. "Growth of Organic Thin Films by the Matrix Assisted Pulsed Laser Evaporation (MAPLE) Technique" Thin Solid Films, 1999, pgs. 355-356 and 536-541						
	Fluidization (Grace and Matsen, eds., Plenum Press, NY, 1980)						
	Agarwal, et al. "Laser Assisted Deposition of Supramolecular Organizes on Solid Surfaces" Materials Science and Engineering C6, 1998, pgs. 13-17						
	Sciarra, et al. Chapters 15 and 16 from Modern Pharmaceutics, pgs. 605-671						
	Burton, et al. "Absorption of Corticosteroids from the Rat Lung" Steroids, Vol. 23, No. 5, 1974, pgs. 617-624						
	Conti, et al. "Use of Polylactic Acid for the Preparation of Microparticulate Drug Delivery Systems" J. Microencapsulation, Vol. 9, No. 2, 1992, pgs. 153-166						
	Fielding, et al. "Factors Affecting the Release Rate of Terbutaline from Liposome Formulations After Intratracheal Instillation in the Guinea Pig" Pharmaceutical Research, Vol. 9, No. 2, 1992, pgs. 220-223						
	Glatt, "Multi-Purpose Fluid Bed Processing", Product Literature, 1988						
	Göpferich, et al. "Development and Characterization of Microencapsulated Microsphere" Pharmaceutical Research, Vol. 11, No. 11, 1994, pgs. 1568-1574						
	Herdan, G. "Small Particle Statistics" Second Edition, Butterworths, London, 1960						
	Hochhaus, G. "Pharmacokinetic/Pharmacodynamic Aspects of Aerosol Therapy Using Glucocorticoids as a Model" J. Clin. Pharmacol. 1997; 37 pgs. 881-882						
	Hochhaus, et al. "Assessmen of Glucocorticoid Lung Targeting by ex-Vivo Receptor Binding Studies in Rats" Pharmaceutical Research, Vol. 12, No. 1, 1995, pgs. 134-137						
	Kawashima, et al. "A New Powder Design Method to Improve Inhalation Efficiency of Pranlukast Hydrate Dry Powder Aerosols by Surface Modification with Hydroxypropylmethylcellulose Phthalate Nanospheres" Pharmaceutical Research, Vol. 15, No. 11, 1998, pgs. 1748-1752						
	Kodas, et al. "Aerosol Processing of Materials" Wiley-VCH, New York, 1999						
9/8	Mathiowetz, et al. "Biologically Erodable Microspheres as Potential Oral Drug Delivery Systems" Nature, Vol. 386, 1997, pgs. 410-414						
EXAMINER	<i>James J. Theil</i>			DATE CONSIDERED 6/20/05			
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